Journal of Computational and Applied Mathematics 43 (1992) 389–390
North-Holland

Author Index to Volume 43 (1992)

(The issue number is given in front of the page numbers.)

Andreev, A.B., V.A. Kascieva and **M. Vanmaele,** Some results in lumped mass finite-element approximation of eigenvalue problems using numerical quadrature formulas (3) 291–311

Argyros, I.K., On the convergence of generalized Newton methods and implicit functions (3) 335–342

Ascher, U.M. and **L.R. Petzold,** Projected collocation for higher-order higher-index differential-algebraic equations (1–2) 243–259

Bernardi, C. and **Y. Maday,** Polynomial interpolation results in Sobolev spaces (1–2) 53– 80

Berthold, D., On the stability of the classical collocation method for Cauchy-type singular integral equations (1–2) 171–184

Berthold, D., W. Hoppe and **B. Silbermann,** A fast algorithm for solving the generalized airfoil equation (1–2) 185–219

Branders, M., see **Piessens, R.** (1–2) 159–169

Buhmann, M.D. and **A. Iserles,** On orthogonal polynomials transformed by the QR algorithm (1–2) 117–134

Butcher, J.C., The role of orthogonal polynomials in numerical ordinary differential equations (1–2) 231–242

Eichenauer-Herrmann, J., A remark on the discrepancy of quadratic congruential pseudorandom numbers (3) 383–387

Ervin, V.J. and **E.P. Stephan,** Collocation with Chebyshev polynomials for a hypersingular integral equation on an interval (1–2) 221–229

Fischer, B. and **G.H. Golub,** How to generate unknown orthogonal polynomials out of known orthogonal polynomials (1–2) 99–115

Freund, R.W., Quasi-kernel polynomials and their use in non-Hermitian matrix iterations (1–2) 135–158

Funaro, D., Approximation by the Legendre collocation method of a model problem in electrophysiology (1–2) 261–271

Gautschi, W., On mean convergence of extended Lagrange interpolation (1–2) 19– 35

Golub, G.H., see **Fischer, B.** (1–2) 99–115

Gottlieb, D., C.-W. Shu, A. Solomonoff and **H. Vandeven,** On the Gibbs phenomenon I: recovering exponential accuracy from the Fourier partial sum of a nonperiodic analytic function (1–2) 81– 98

Hoppe, W., see **Berthold, D.** (1–2) 185–219

Iserles, A., see **Buhmann, M.D.** (1–2) 117–134

Jódar, L. and **J.A. Martin Alustiza,** Explicit solution of systems of second-order differential-difference equations (3) 323–334

Kascieva, V.A., see **Andreev, A.B.** (3) 291–311

Lewanowicz, S., Quick construction of recurrence relations for the Jacobi coefficients (3) 355–372

Maday, Y., see **Bernardi, C.** (1–2) 53– 80

Martin Alustiza, J.A., see **Jódar, L.** (3) 323–334

Mastroianni, G., Uniform convergence of derivatives of Lagrange interpolation (1–2) 37– 51

Monegato, G., Preface to the Special Issue on Orthogonal Polynomials and Numerical Methods (1–2) 1– 2

Morgan, A.P., see **Watson, L.T.** (3) 373–382

Petzold, L.R., see **Ascher, U.M.** (1–2) 243–259

Piessens, R. and **M. Branders,** On the computation of Fourier transforms of singular functions (1–2) 159–169

Raptis, A.D., see **Simos, T.E.** (3) 313–322

Shu, C.-W., see **Gottlieb, D.** (1–2) 81– 98

Silbermann, B., see **Berthold, D.** (1–2) 185–219

Simos, T.E. and **A.D. Raptis,** A fourth-order Bessel fitting method for the numerical solution of the Schrödinger equation (3) 313–322

Solomonoff, A., see **Gottlieb, D.** (1–2) 81– 98

Stephan, E.P., see **Ervin, V.J.** (1–2) 221–229

Szabados, J. and **P. Vértesi,** A survey on mean convergence of interpolatory processes (1–2) 3– 18

Vandeven, H., see **Gottlieb, D.** (1–2) 81– 98

Vanmaele, M., see **Andreev, A.B.** (3) 291–311

Vértesi, P., see **Szabados, J.** (1–2) 3– 18

Elsevier Science Publishers B.V.

Watson, L.T. and **A.P. Morgan,** Polynomial programming using multi-homogeneous polynomial continuation (3) 373–382

Yang, D.Q., A characteristic mixed method with dynamic finite-element space for convection-dominated diffusion problems (3) 343–353

Zhang, J.G., An iterative method of global convergence without derivatives in the class of smooth functions (3) 273–289